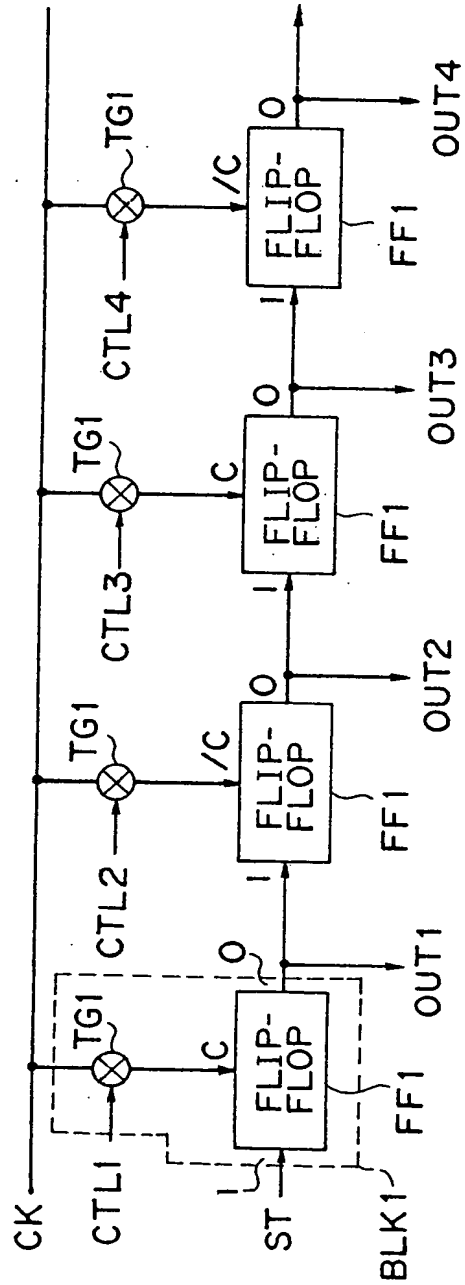


Fig. 1



0975467 0004  
"2575260"

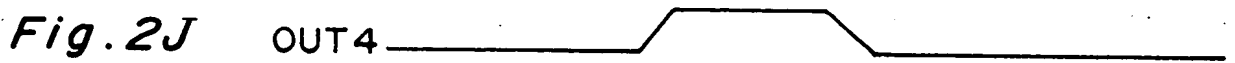
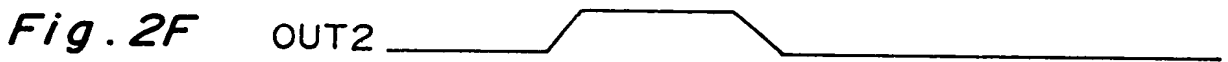
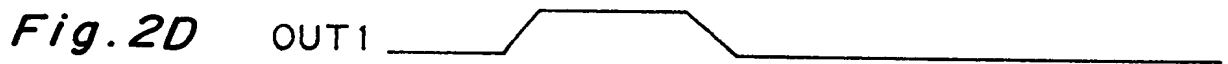
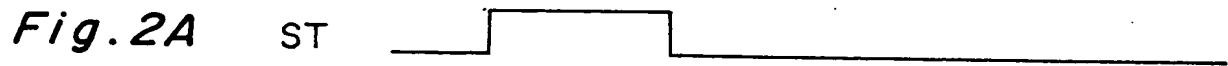
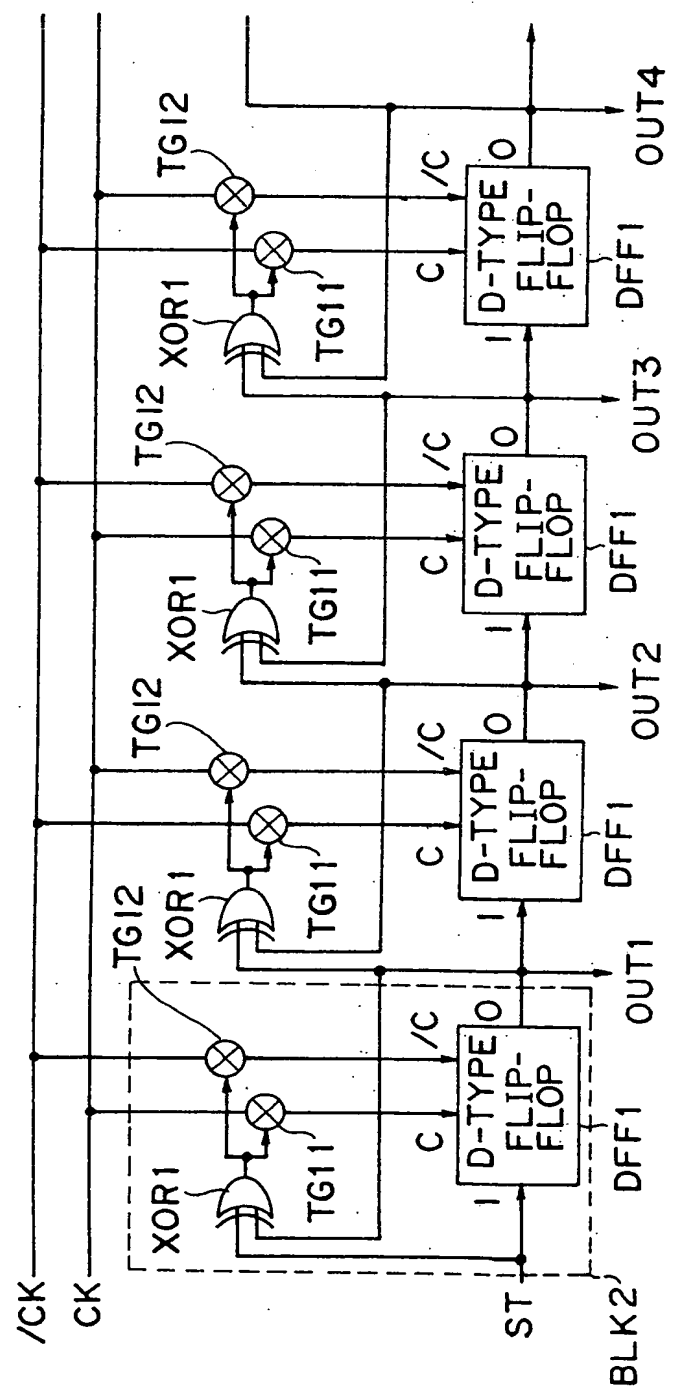


Fig.3





097563.0204  
101020 29752250

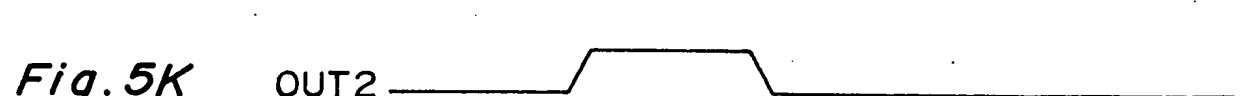
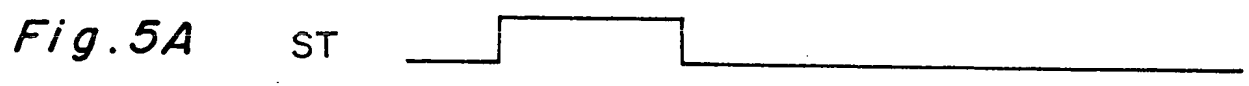




Fig. 7

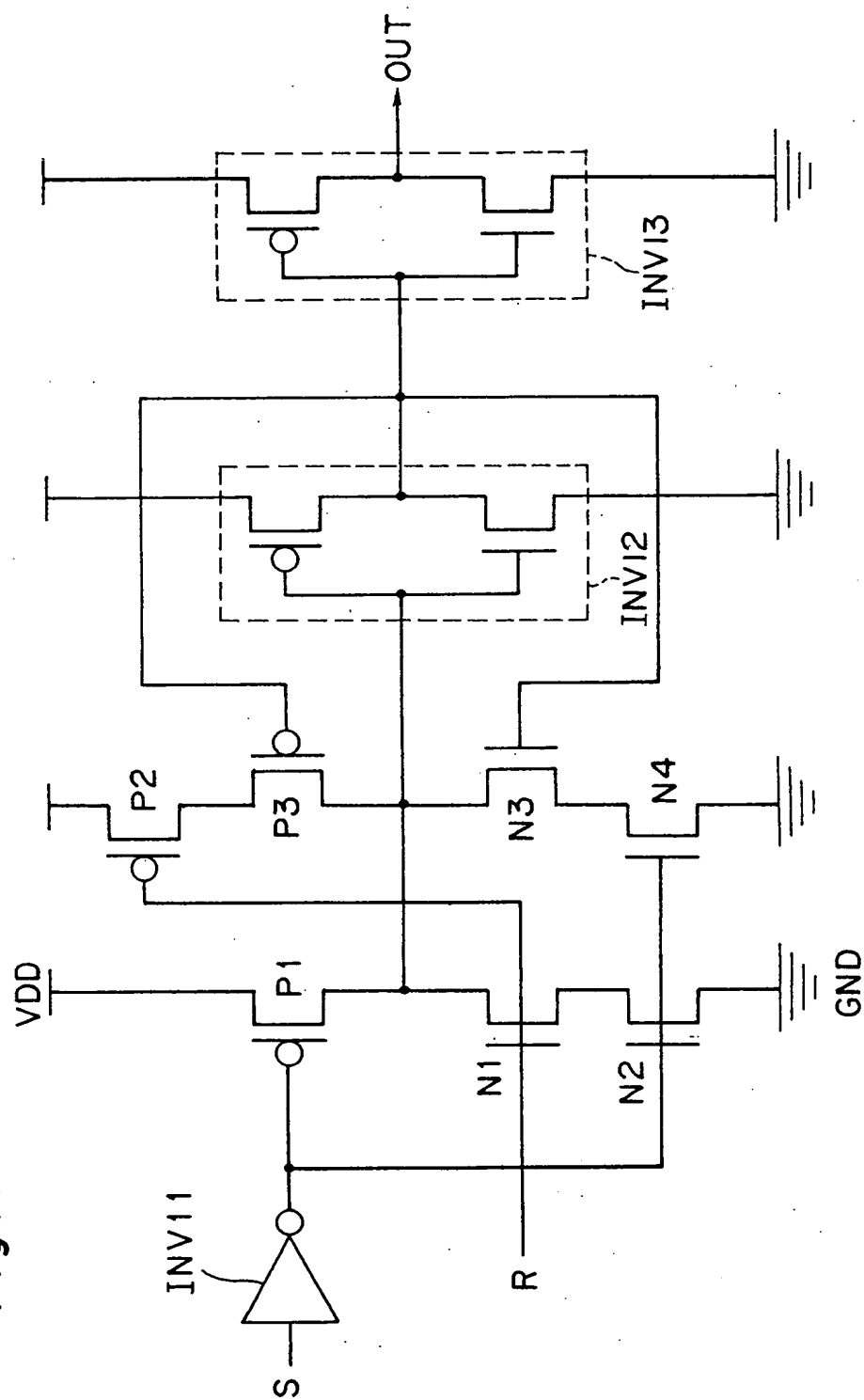


Fig. 8A Fig. 8B Fig. 8C Fig. 8D Fig. 8E Fig. 8F Fig. 8G Fig. 8H Fig. 8I Fig. 8J Fig. 8K Fig. 8L Fig. 8M

**Fig. 8A**

ST



**Fig. 8B**

CK



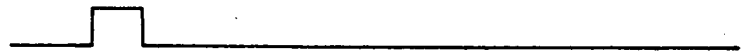
**Fig. 8C**

/CK



**Fig. 8D**

NORs1



**Fig. 8E**

NORr1



**Fig. 8F**

S1



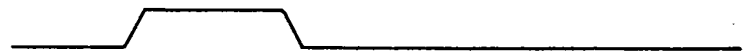
**Fig. 8G**

R1



**Fig. 8H**

OUT1



**Fig. 8I**

NORs2



**Fig. 8J**

NORr2



**Fig. 8K**

S2



**Fig. 8L**

R2



**Fig. 8M**

OUT2





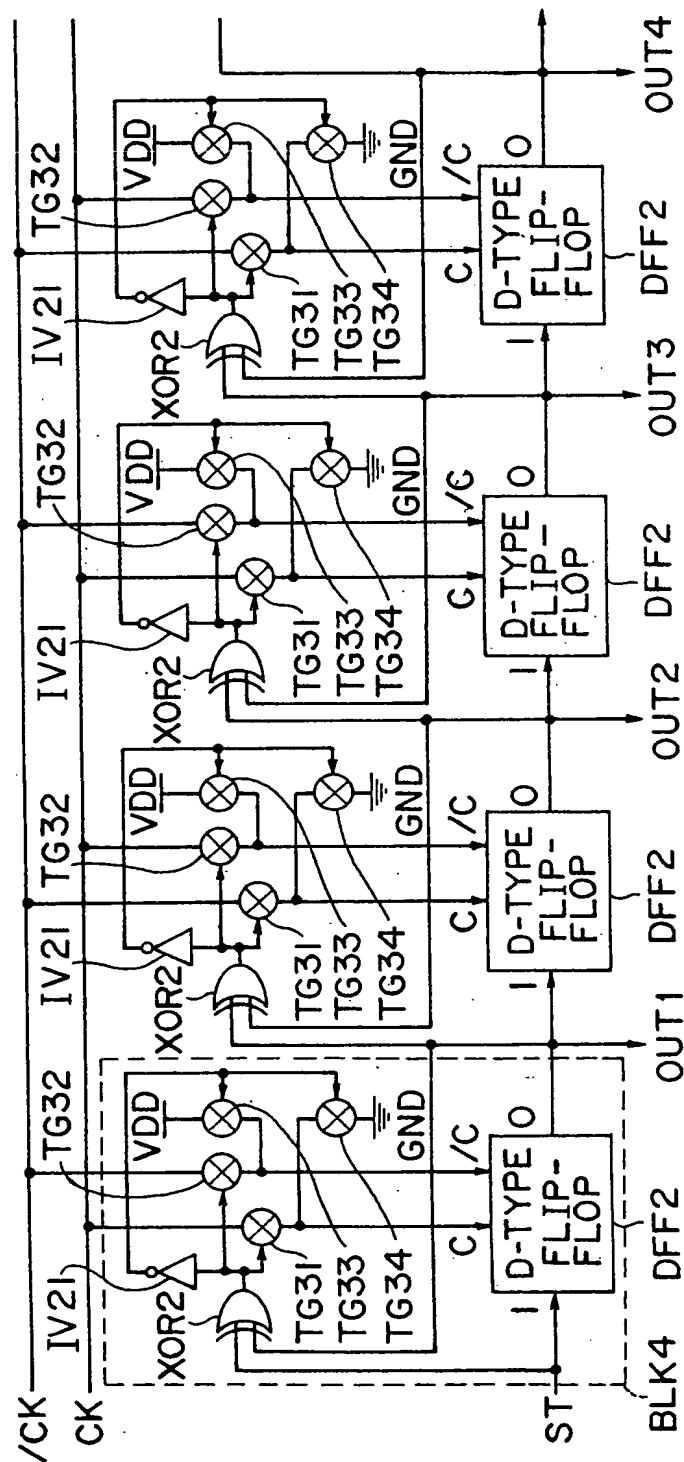


Fig. 10

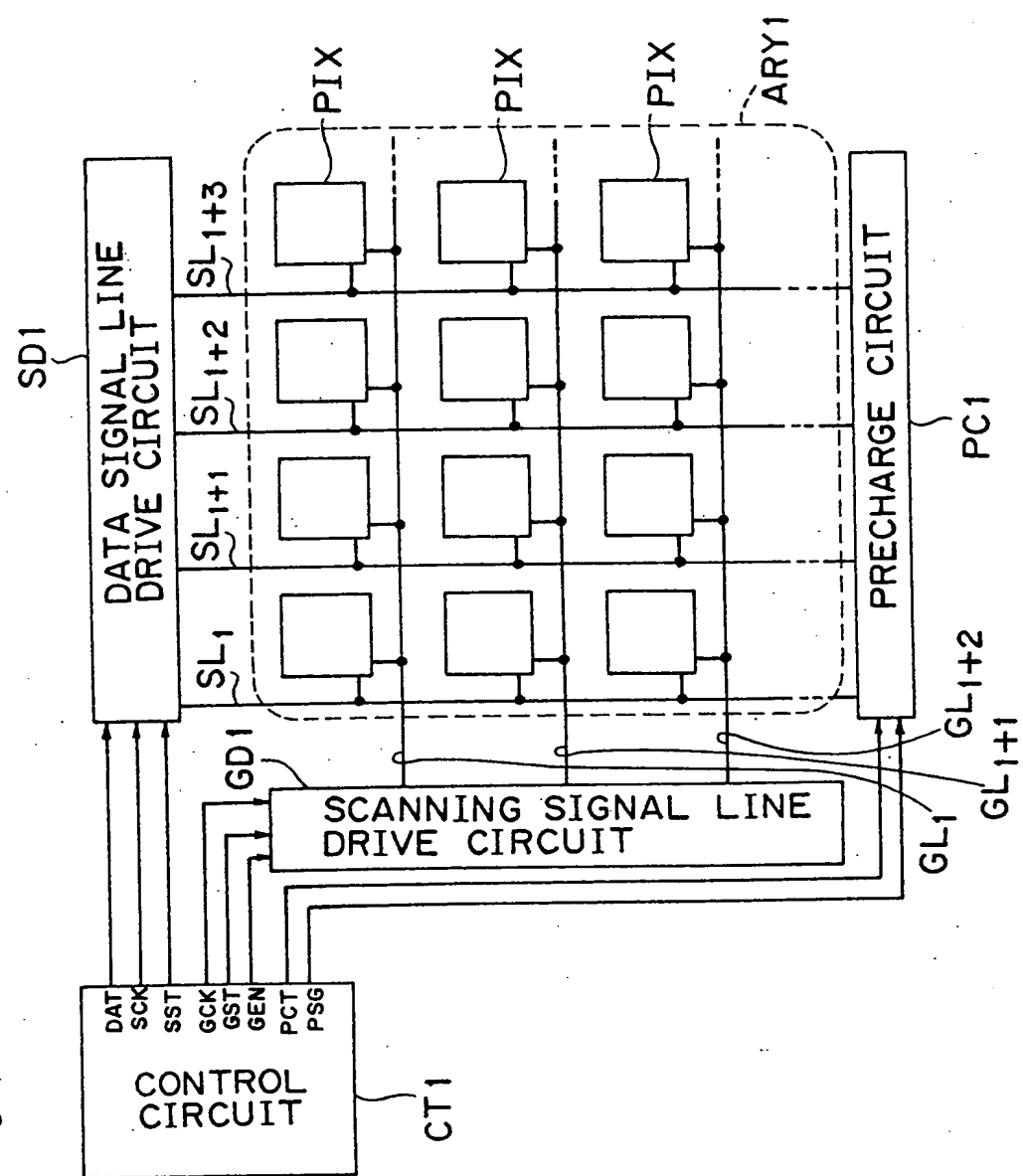


Fig. 11

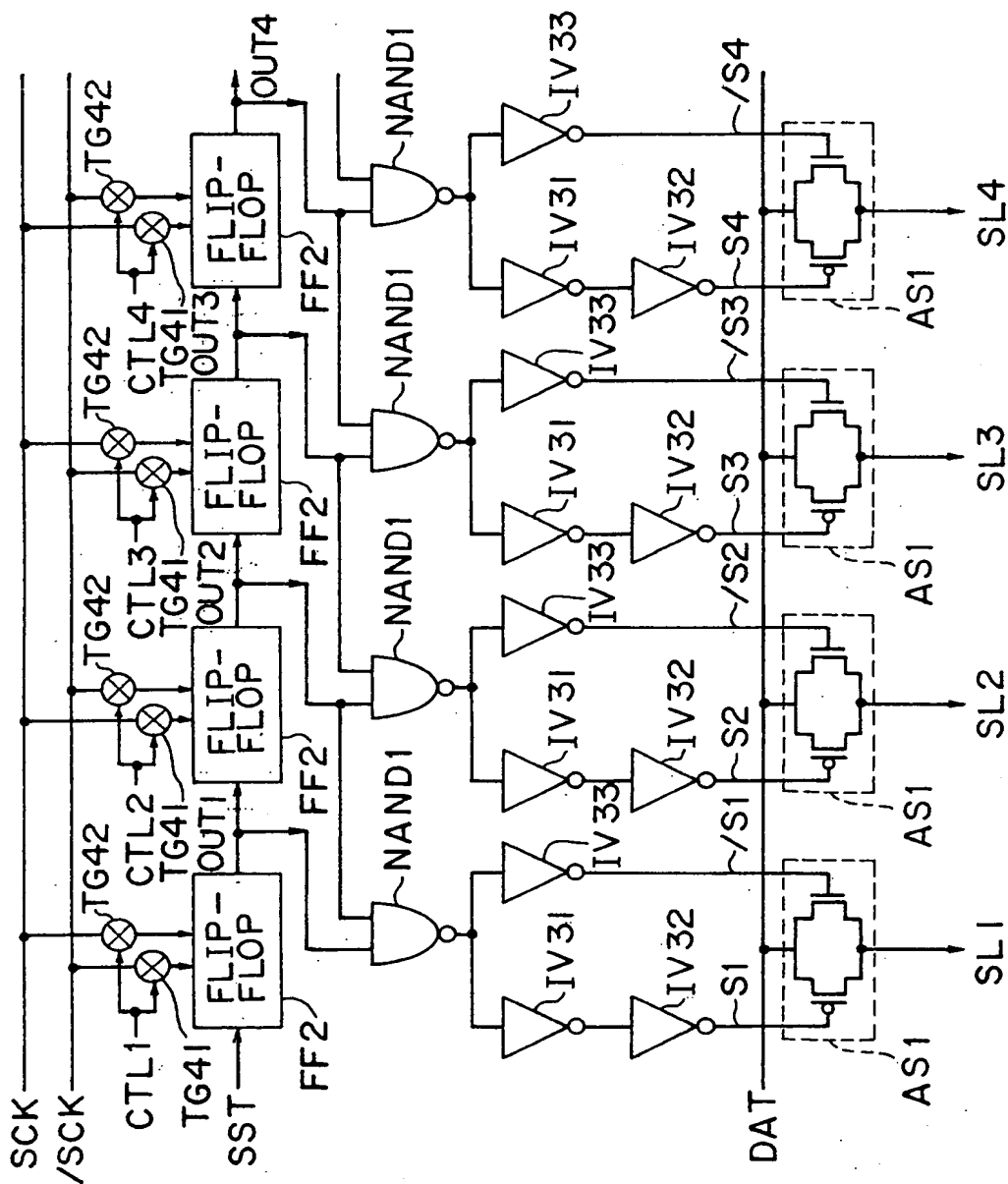
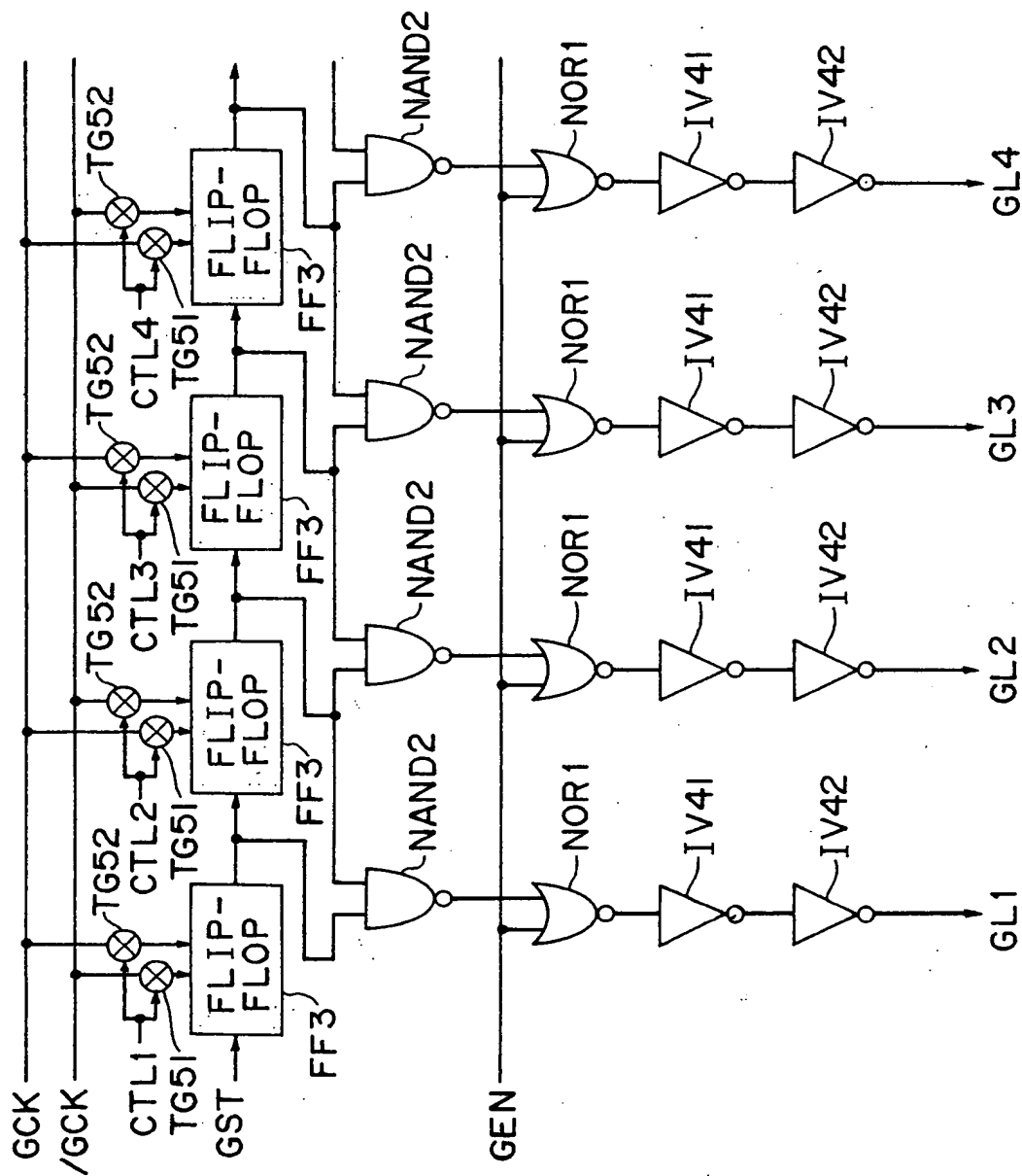
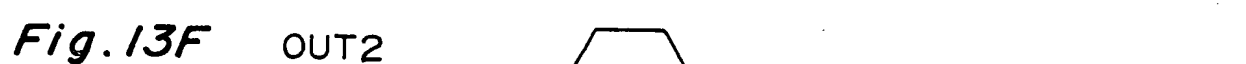


Fig. 12

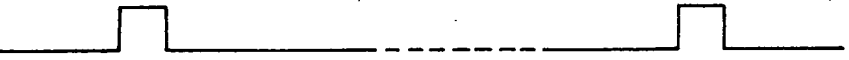



TOP SECRET



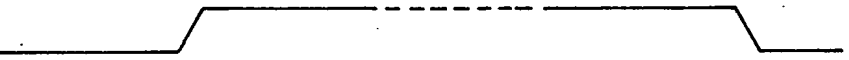
**Fig.14A** SST 

**Fig.14B** SCK 

**Fig.14C** CTL1 

**Fig.14D** OUT1 

**Fig.14E** CTL2 

**Fig.14F** OUT2 

**Fig.14G** CTL3 

**Fig.14H** OUT3 

**Fig.14I** CTL4 

**Fig.14J** OUT4 

**Fig. 15**

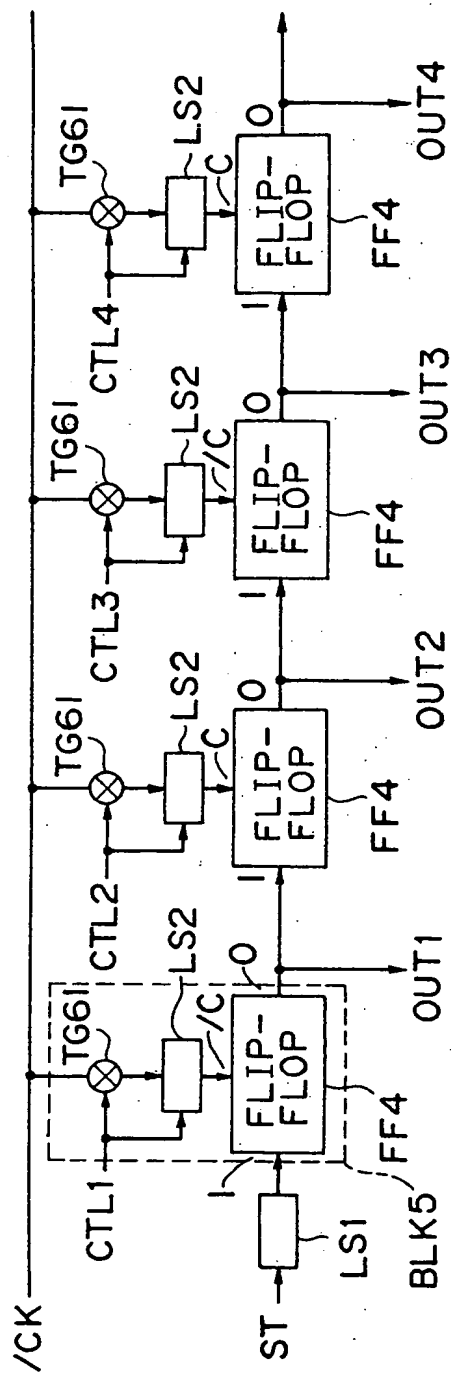






Fig. 17

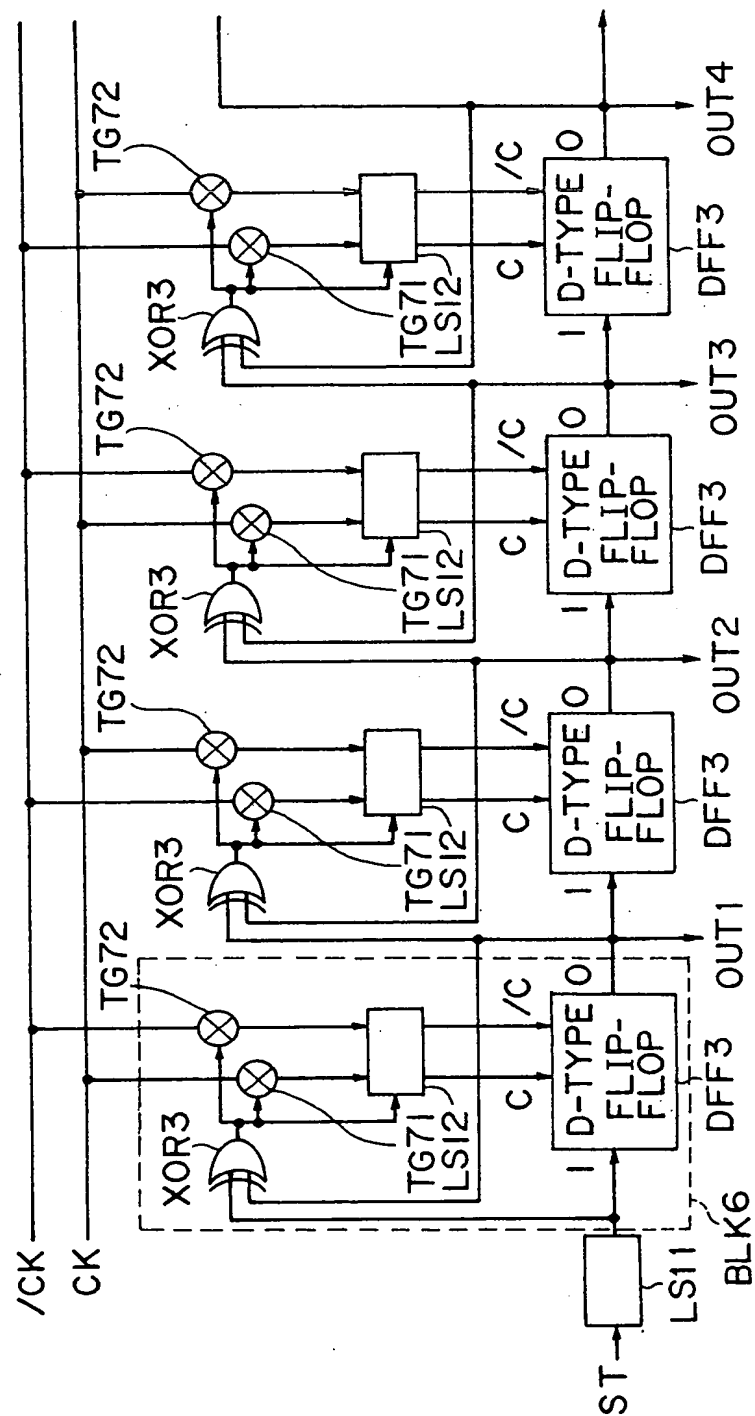




Fig. 19

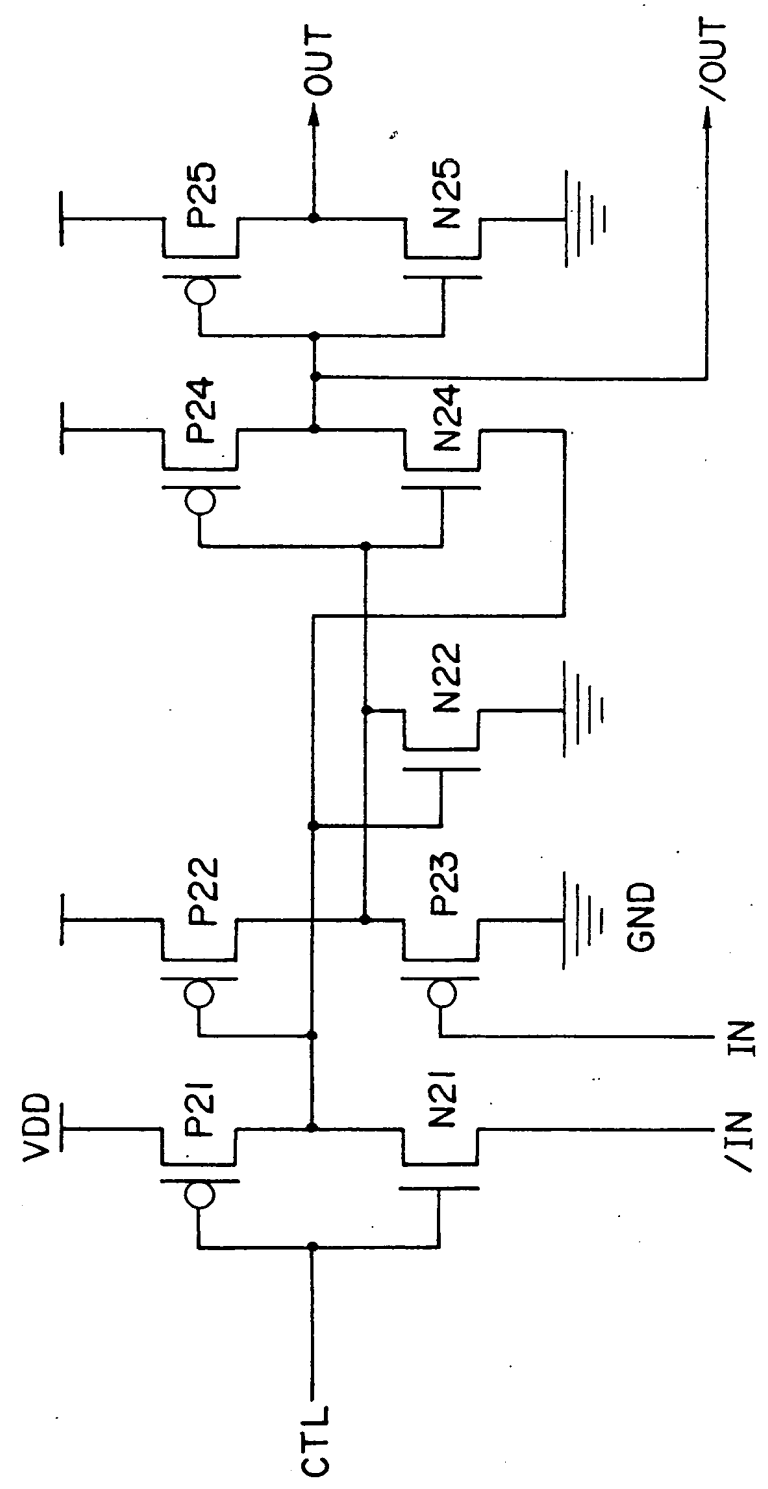
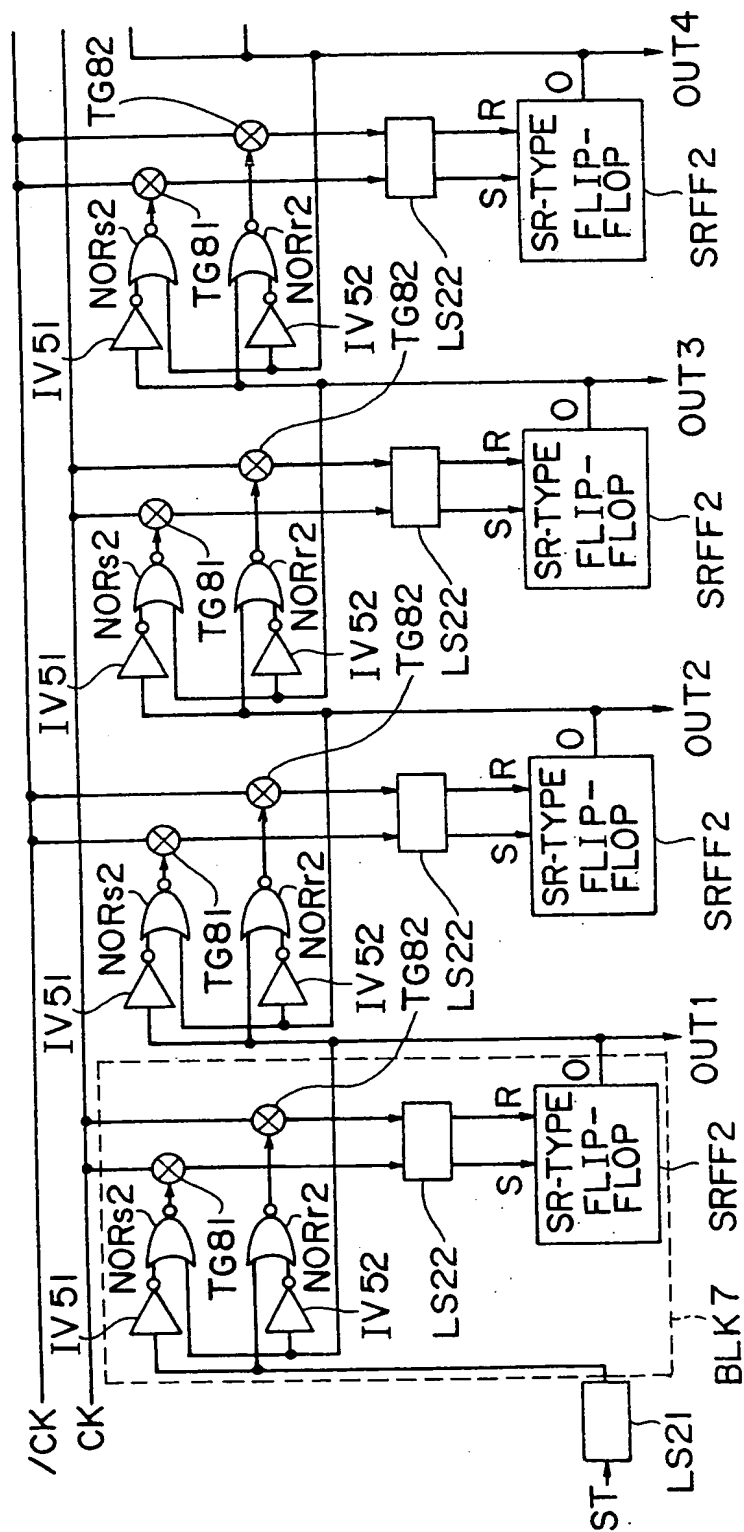





Fig. 21

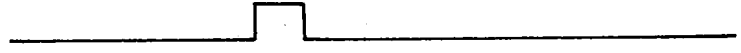


**Fig. 22 A** ST 

**Fig. 22 B** CK 

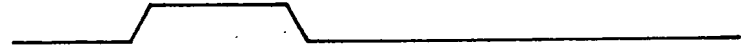
**Fig. 22 C** /CK 

**Fig. 22 D** NORs1 


**Fig. 22 E** NORr1 

**Fig. 22 F** S1 


**Fig. 22 G** R1 

**Fig. 22 H** OUT1 

**Fig. 22 I** NORs2 

**Fig. 22 J** NORr2 

**Fig. 22 K** S2 

**Fig. 22 L** R2 


**Fig. 22 M** OUT2 

Fig. 23

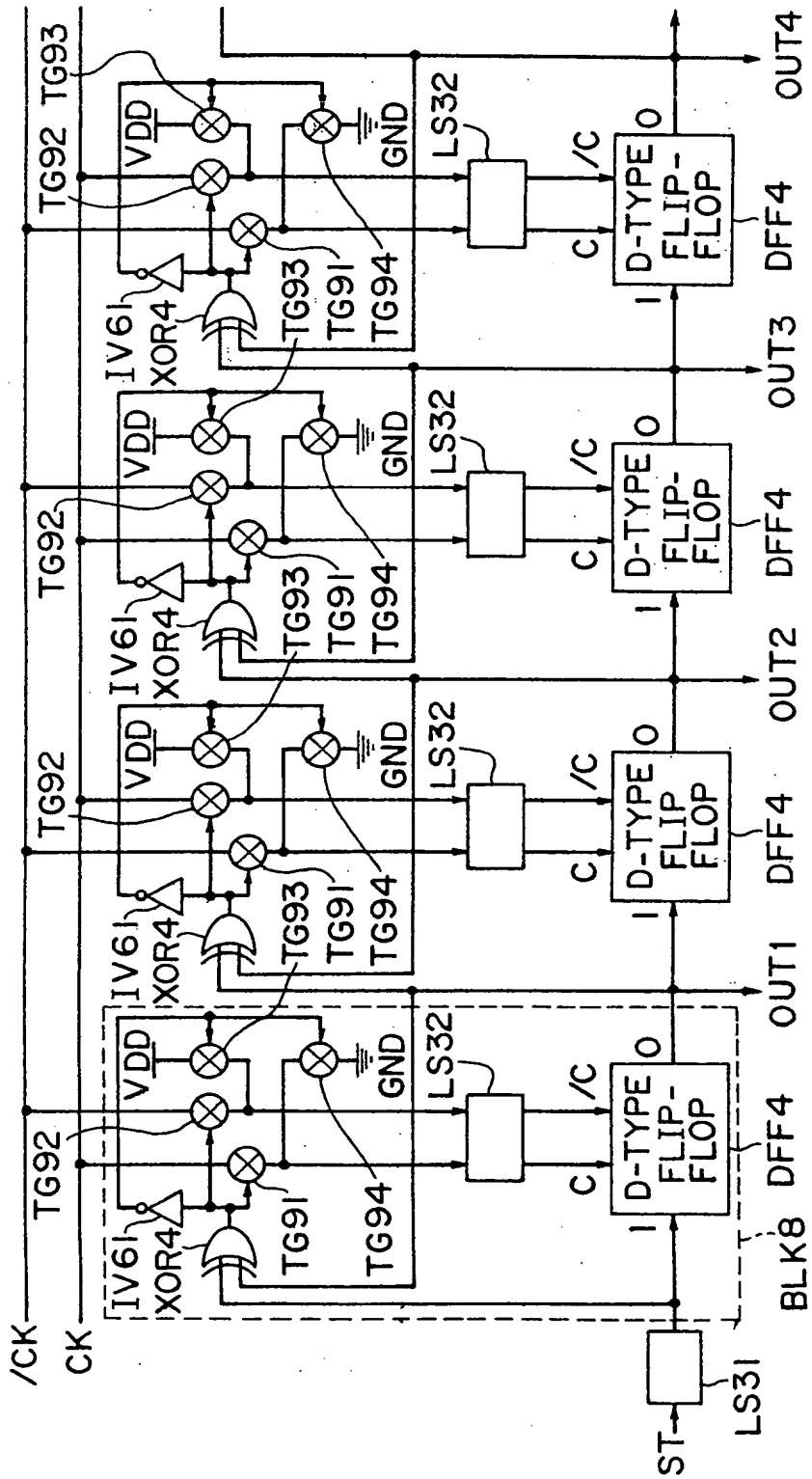
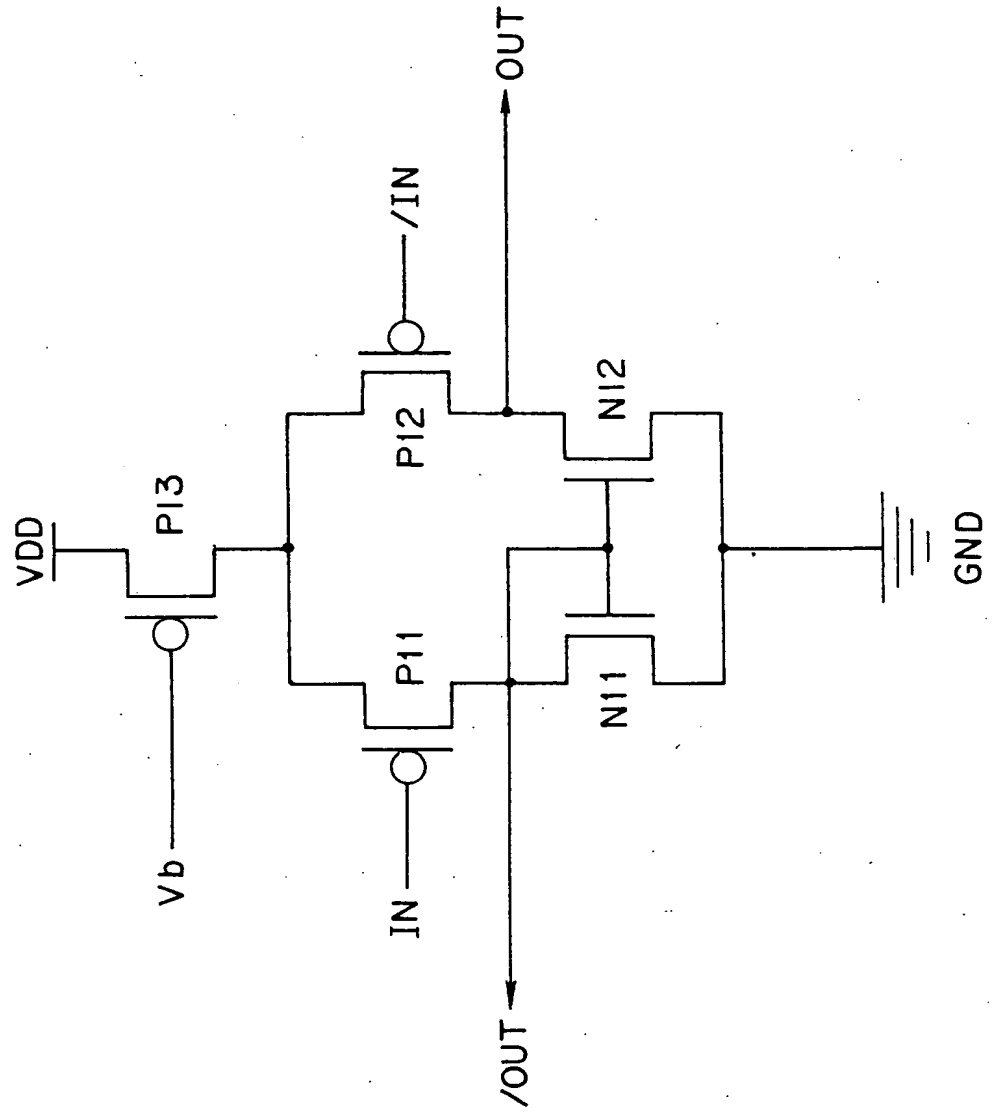






Fig. 25



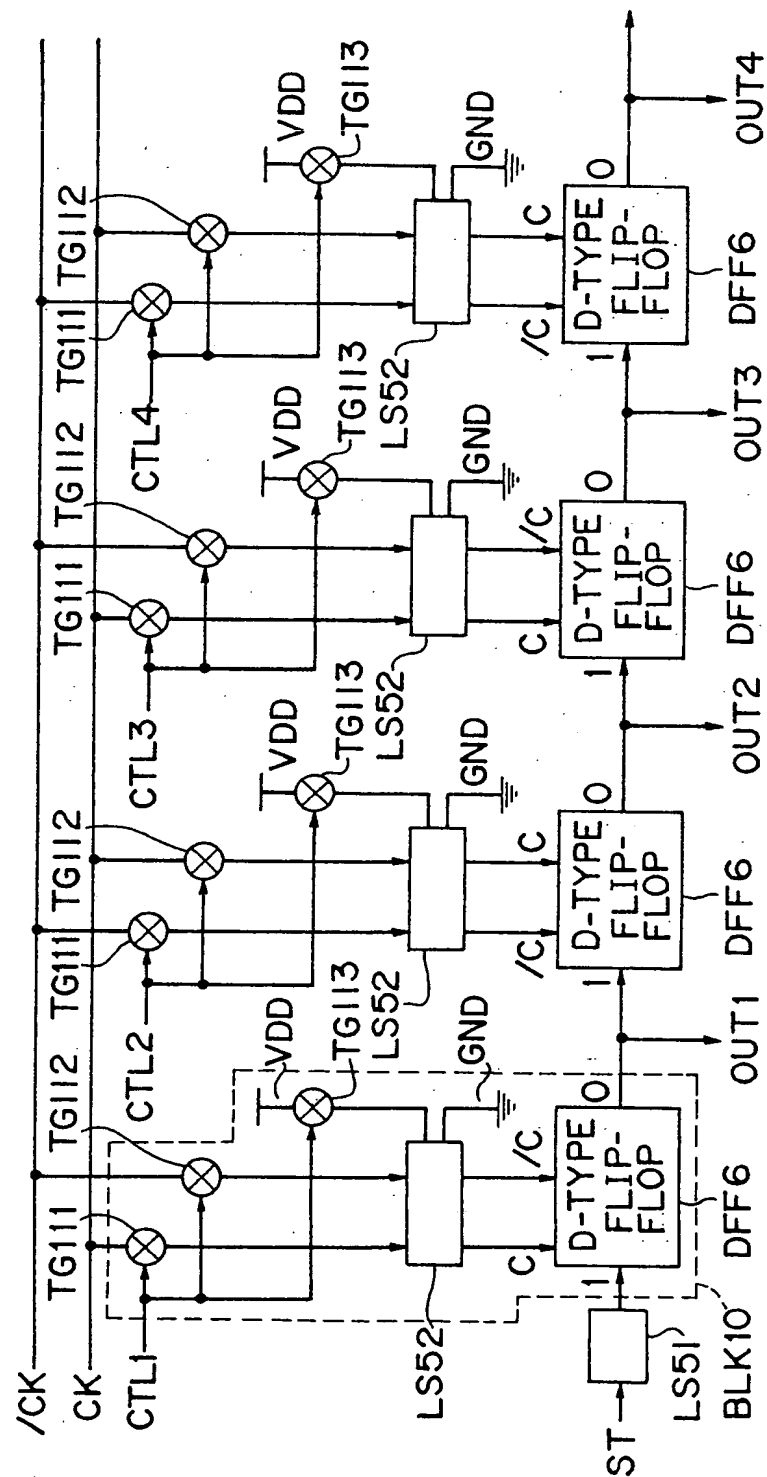


Fig. 27

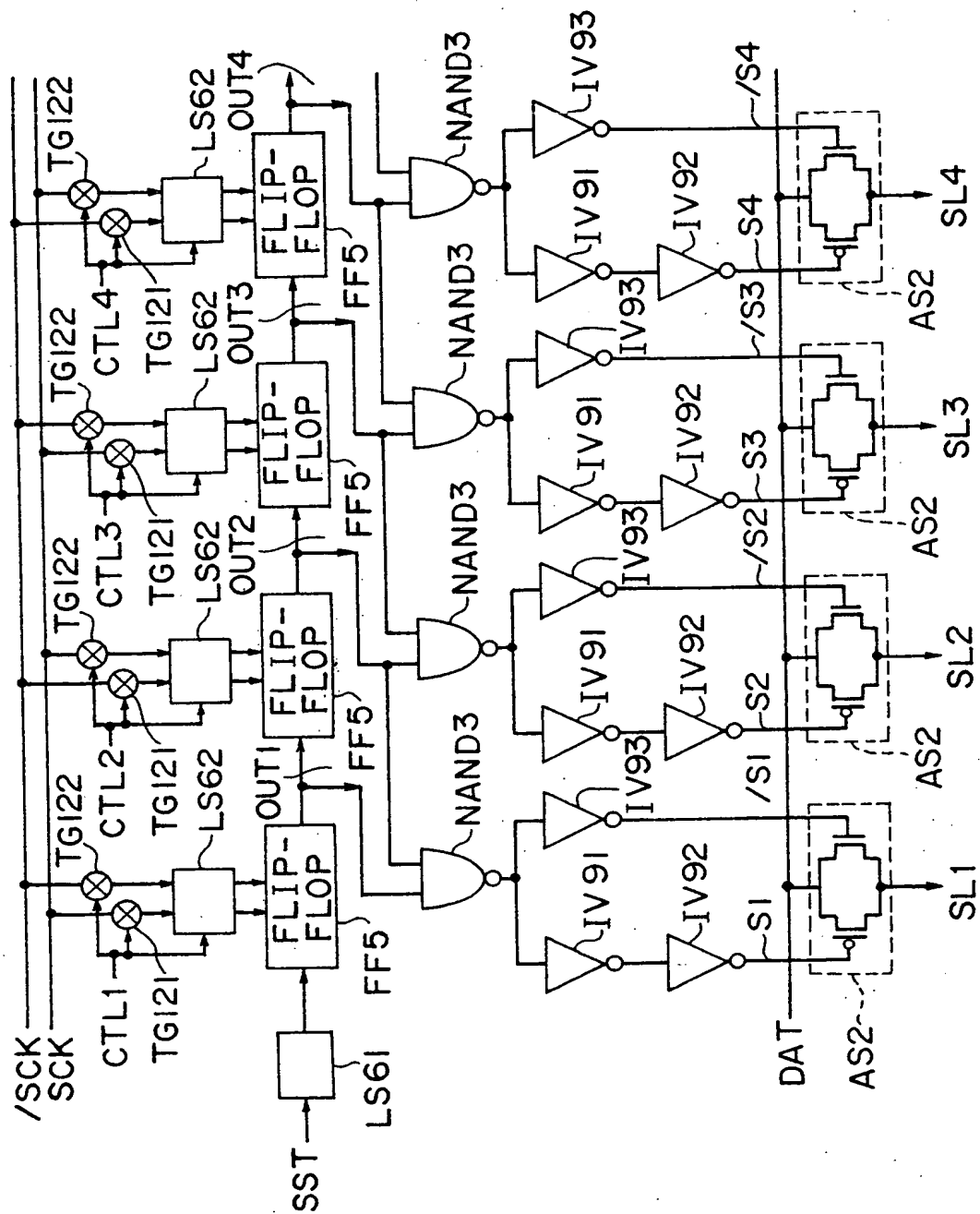
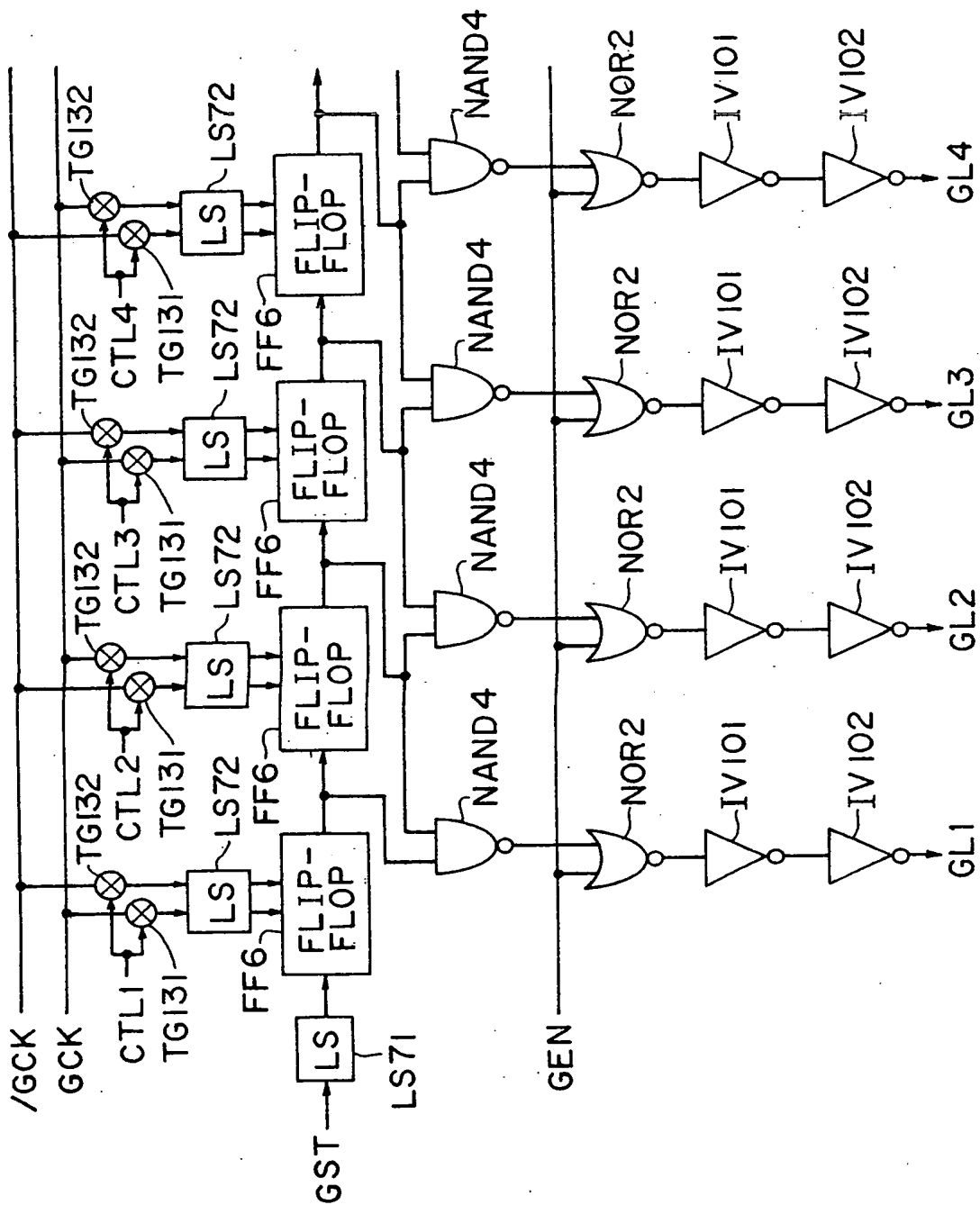


Fig. 28




**Fig.29A** SST 

**Fig.29B** SCK 

**Fig.29C** CTL1 

**Fig.29D** OUT1 

**Fig.29E** CTL2 

**Fig.29F** OUT2 

**Fig.29G** CTL3 

**Fig.29H** OUT3 

**Fig.29I** CTL4 

**Fig.29J** OUT4 

TOP SECRET

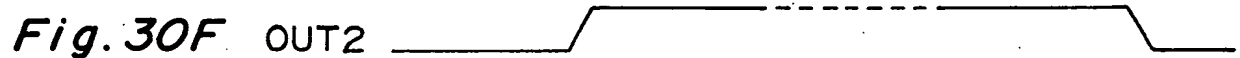
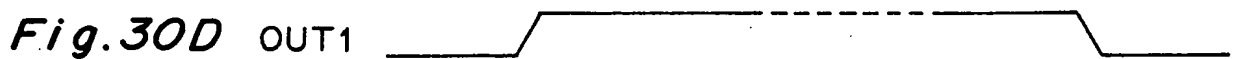
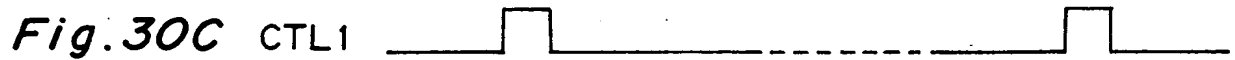
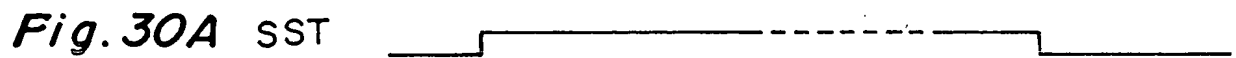
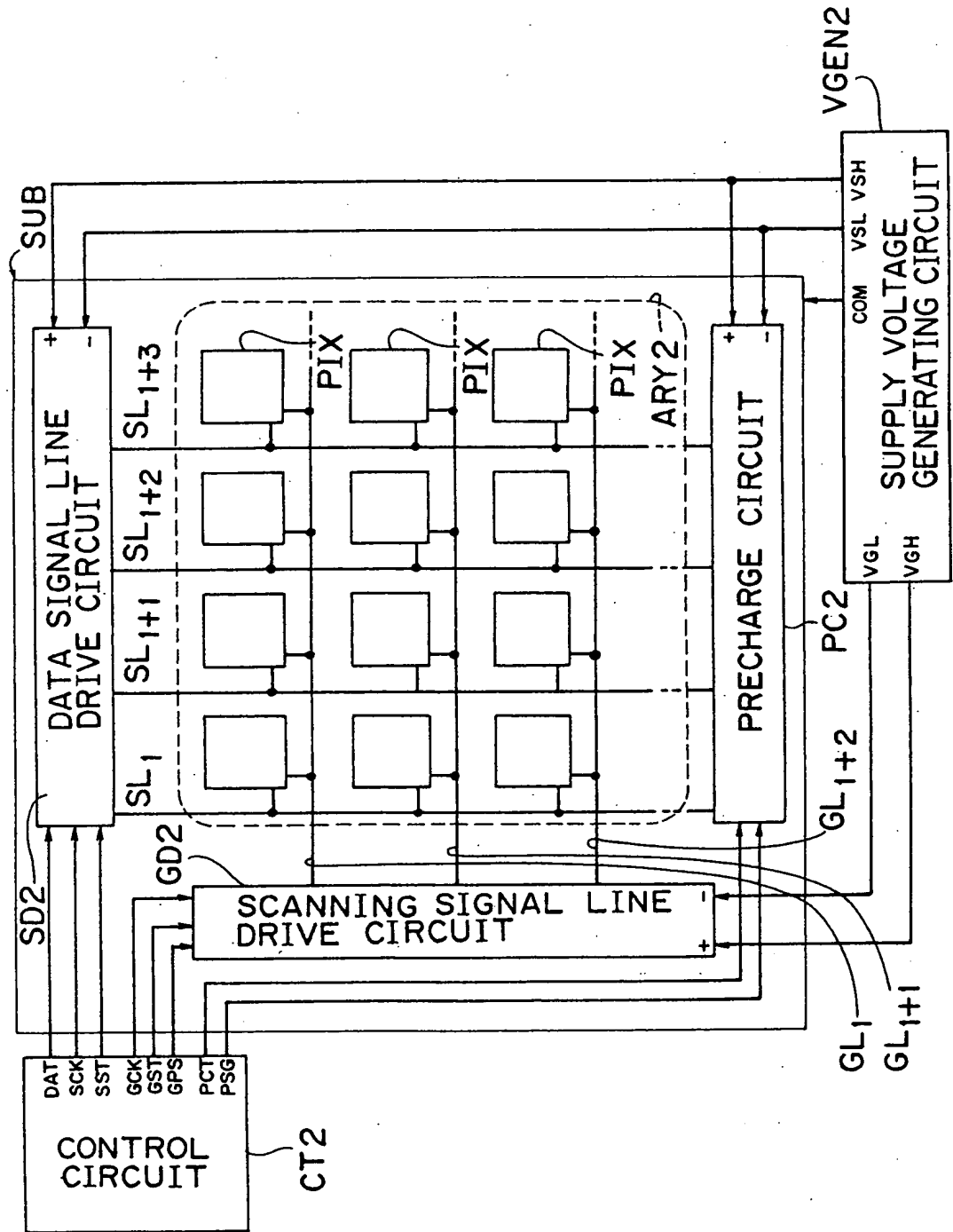


Fig. 31



*Fig. 32*

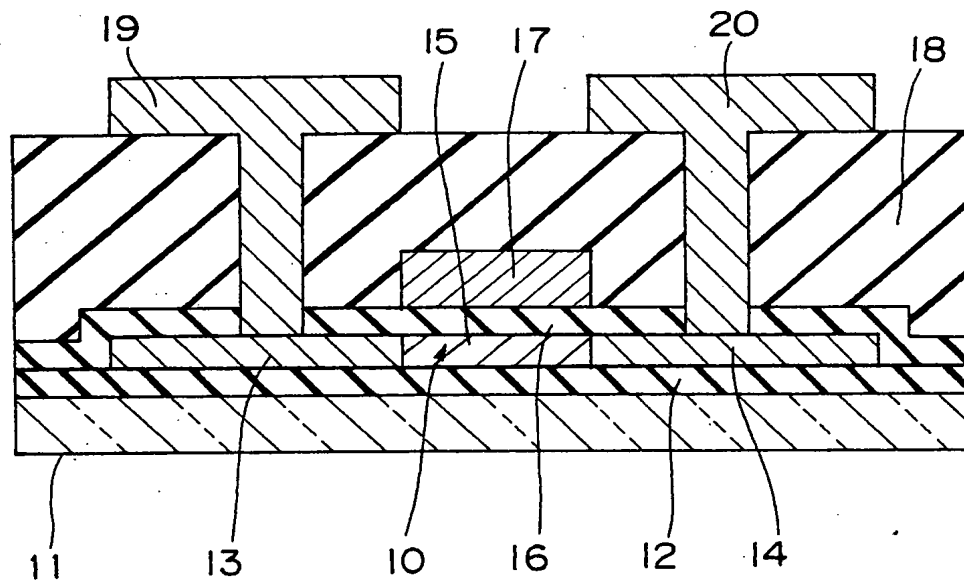




Fig. 33A



Fig. 33B

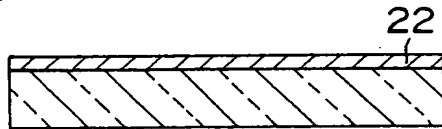


Fig. 33C

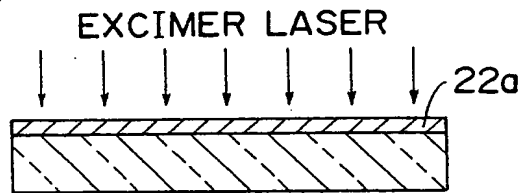


Fig. 33D

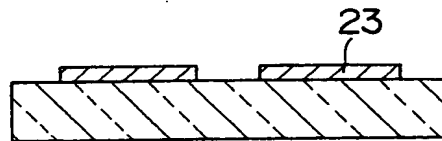


Fig. 33E

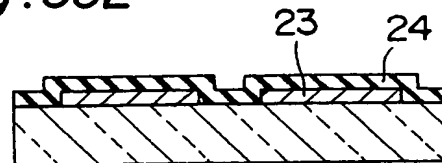


Fig. 33F

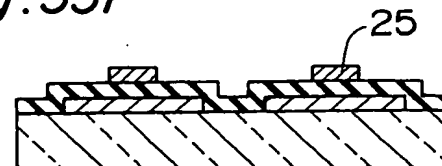


Fig. 33G

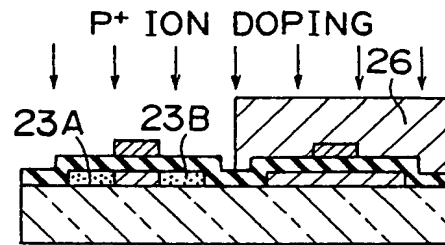


Fig. 33H

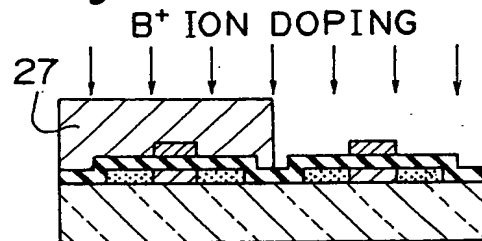


Fig. 33I

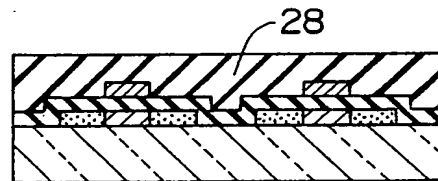


Fig. 33J

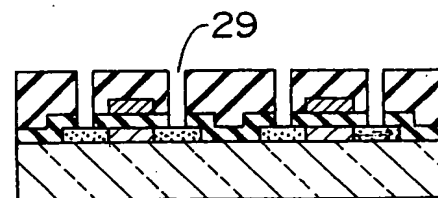


Fig. 33K

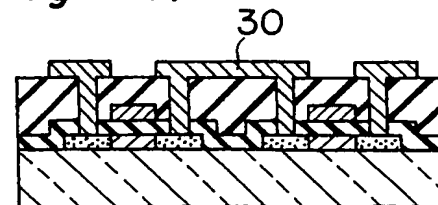


Fig. 34 PRIOR ART

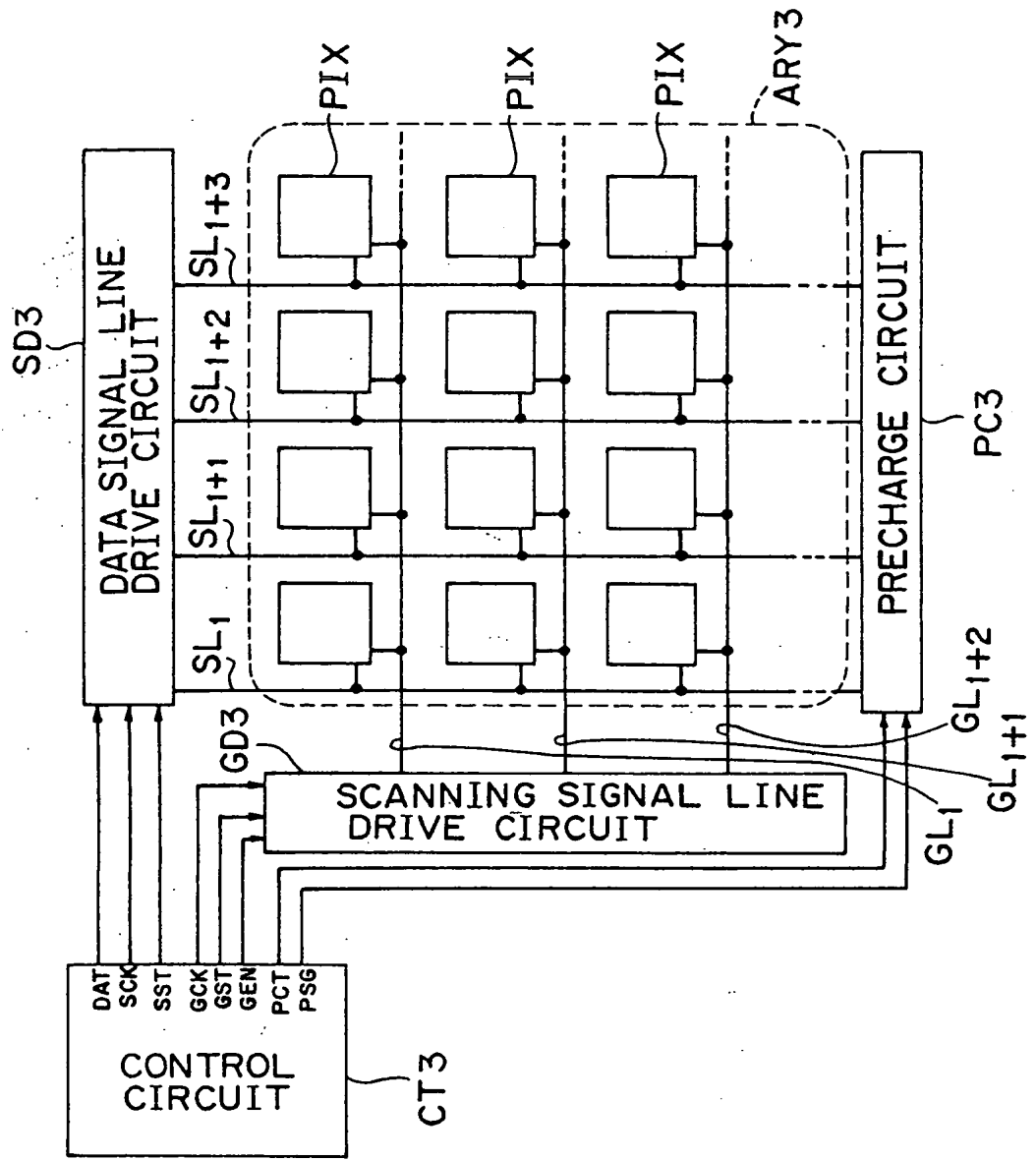


Fig. 35 PRIOR ART

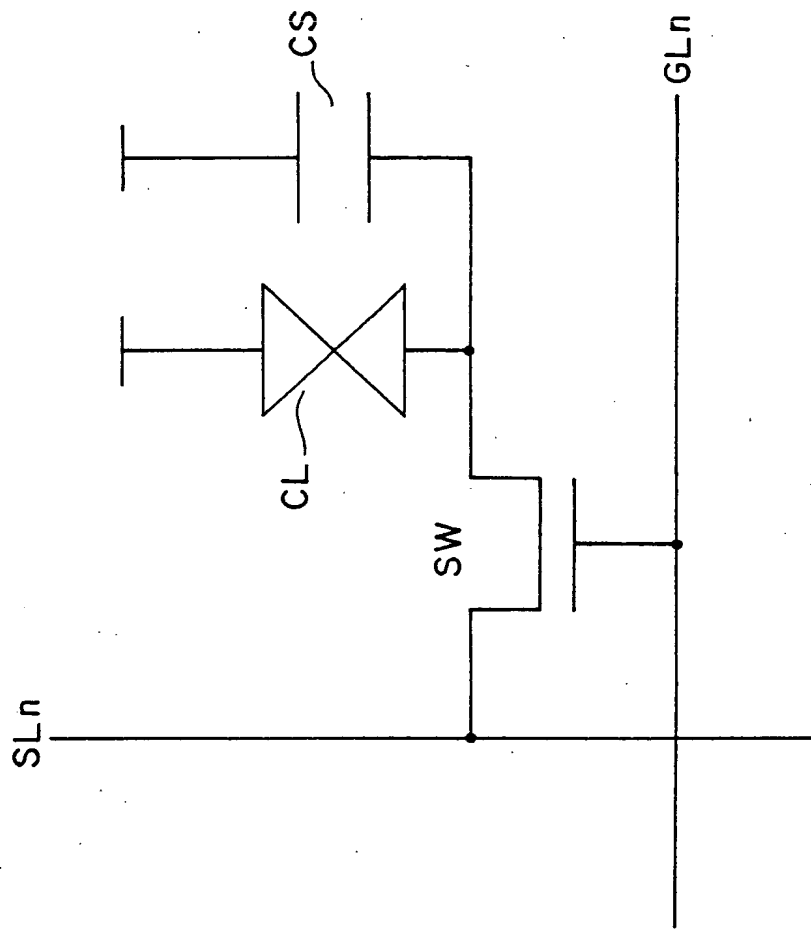


Fig. 36 PRIOR ART

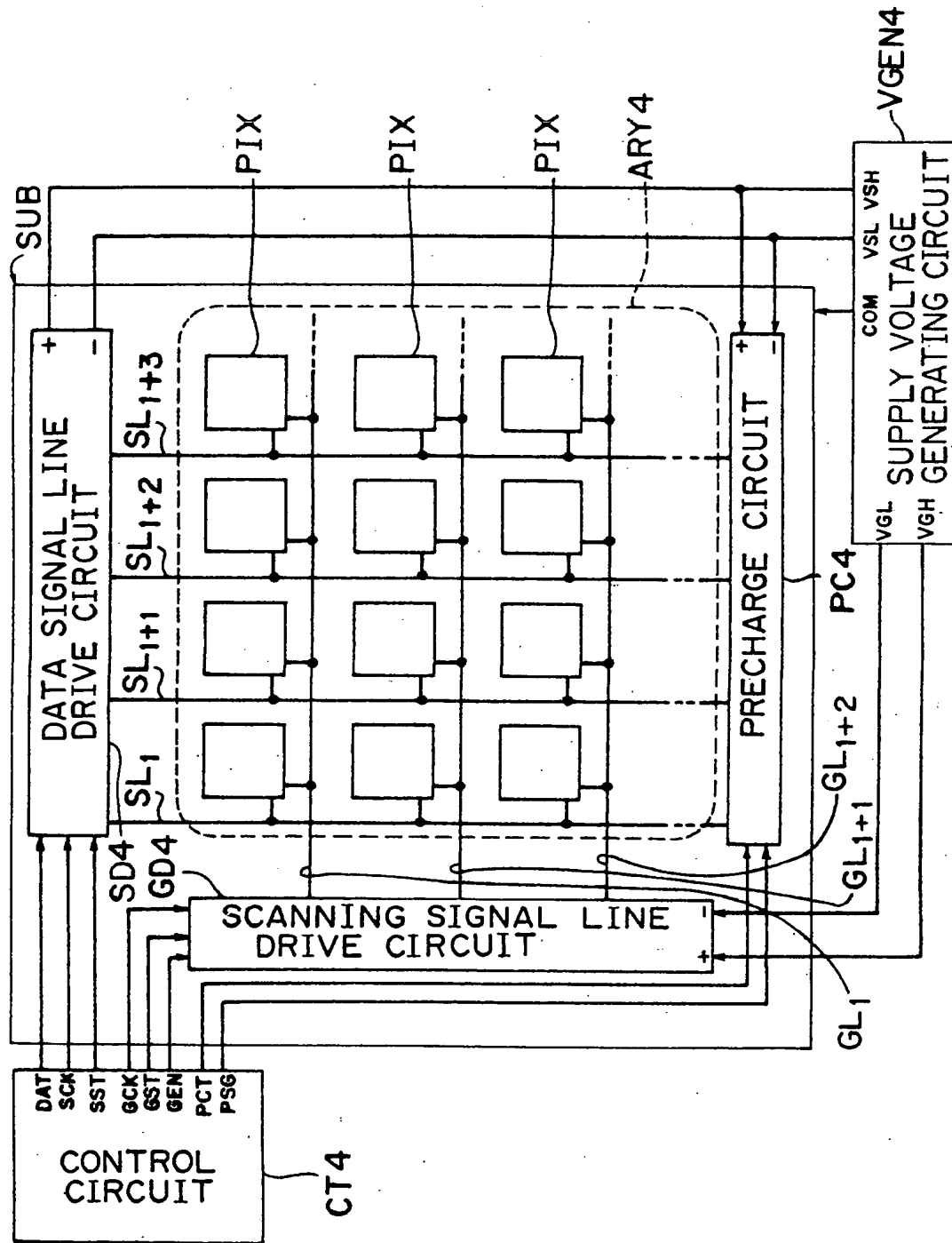


Fig. 37 PRIOR ART

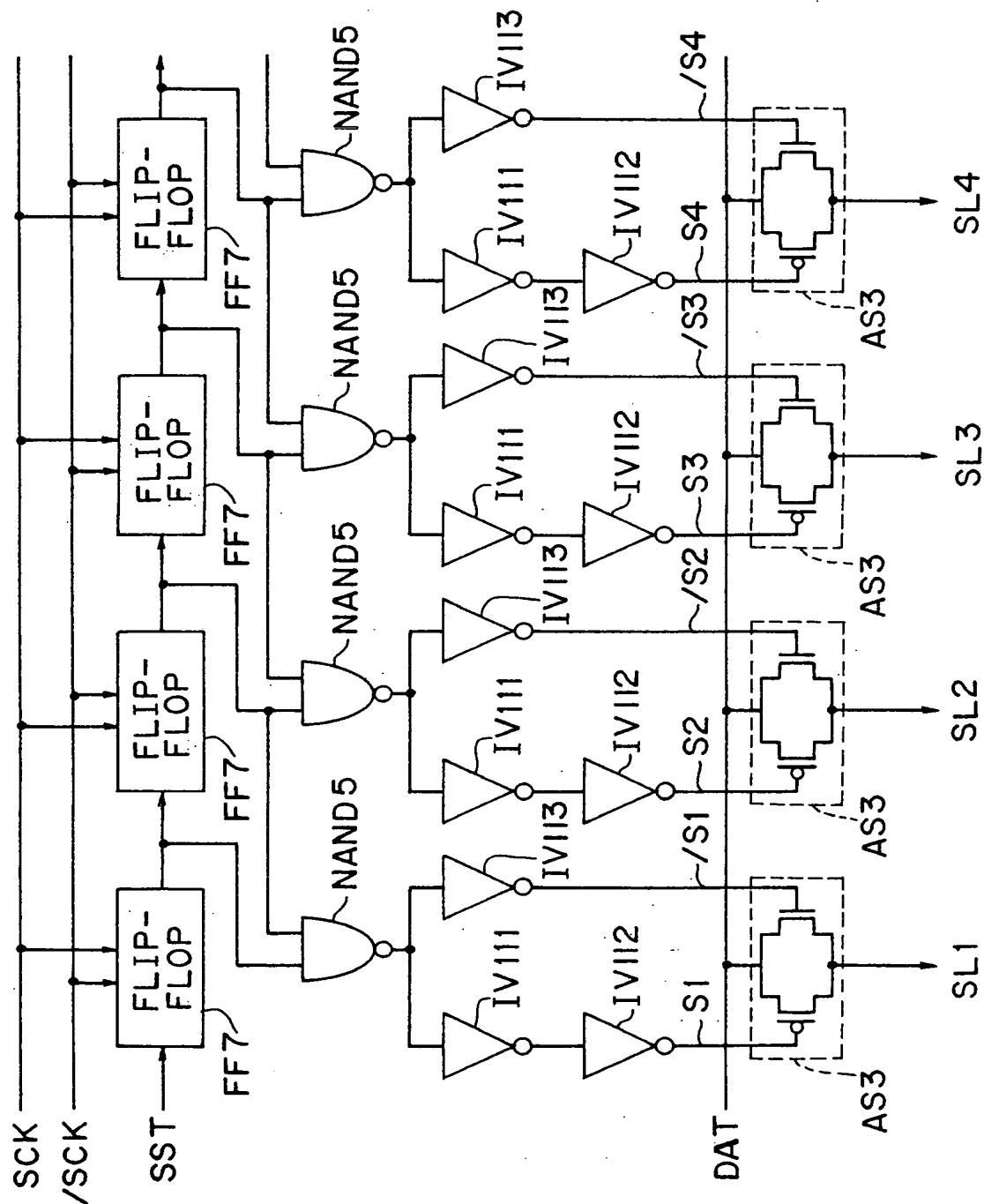


Fig.38 PRIOR ART

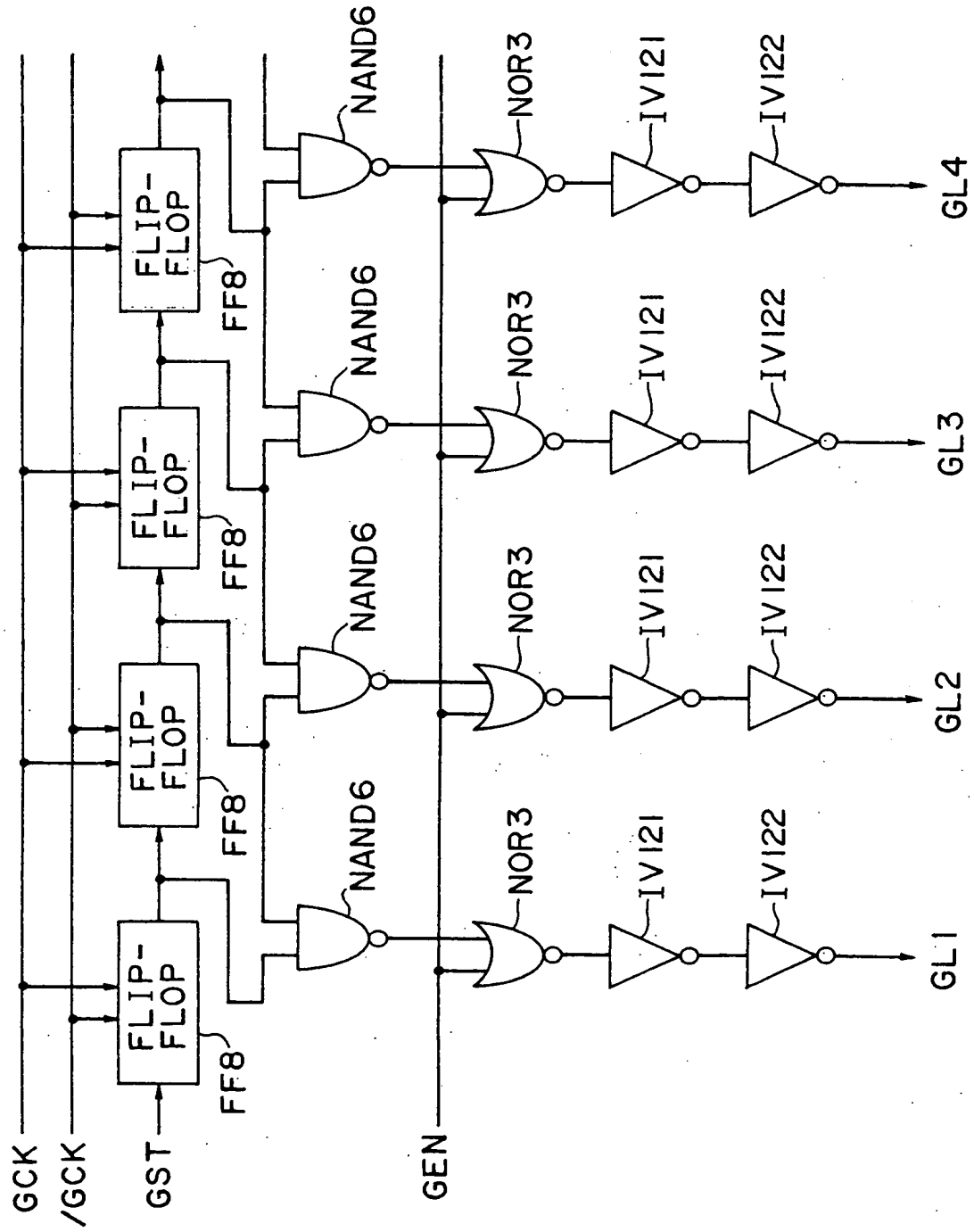
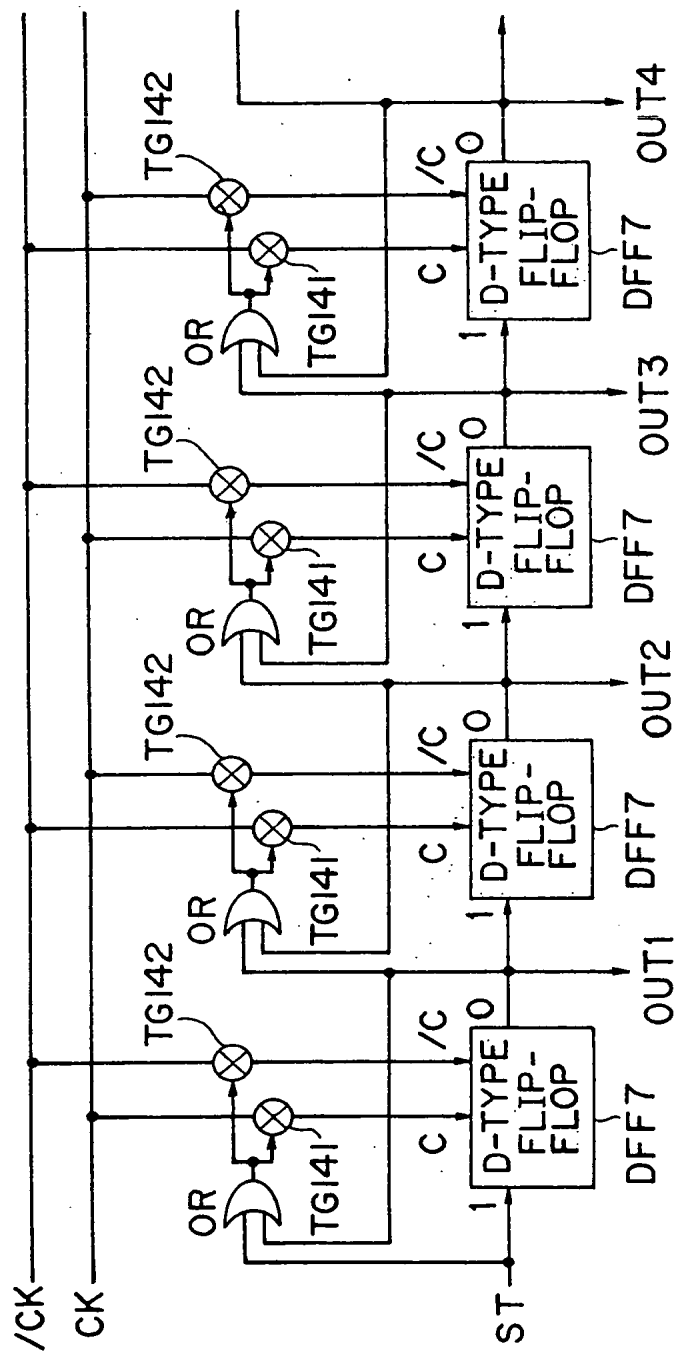


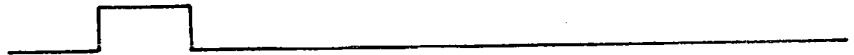
Fig. 39 PRIOR ART



**Fig.40A**

**PRIOR ART**

ST



**Fig.40B**

**PRIOR ART**

CK



**Fig.40C**

**PRIOR ART**

CTL1



**Fig.40D**

**PRIOR ART**

OUT1



**Fig.40E**

**PRIOR ART**

CTL2



**Fig.40F**

**PRIOR ART**

OUT2



**Fig.40G**

**PRIOR ART**

CTL3



**Fig.40H**

**PRIOR ART**

OUT3



**Fig.40I**

**PRIOR ART**

CTL4



**Fig.40J**

**PRIOR ART**

OUT4





007467-0204  
T07020-297467

**Fig.41A**

**PRIOR ART**



**Fig.41B**

**PRIOR ART**



**Fig.41C**

**PRIOR ART**



**Fig.41D**

**PRIOR ART**



**Fig.41E**

**PRIOR ART**



**Fig.41F**

**PRIOR ART**



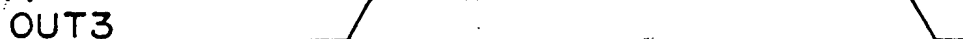
**Fig.41G**

**PRIOR ART**



**Fig.41H**

**PRIOR ART**



**Fig.41I**

**PRIOR ART**



**Fig.41J**

**PRIOR ART**

